

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  A 7721 / KK	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No.  PCT/EP2005/000045	International filing date (day/month/year)  05/01/2005	(Earliest) Priority Date (day/month/year)  05/01/2004
Applicant  AIRBUS DEUTSCHLAND GMBH		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the International application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2.  Certain claims were found unsearchable (See Box II).

3.  Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 3

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b.  none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

## Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The present invention relates to an insulation structure for the internal insulation of a vehicle. The insulation structure is improved in such a way that using it a fire incursion of the flames of a source of fire acting from outside the vehicle environment into the vehicle interior is excluded as much as possible, an increase of the fire protection safety for separate interior regions lying proximal to a structure external skin being implemented by the type of the film insulation of the insulation package. The insulation structure comprises an insulation package(3), in which an insulation core(1) is embedded, and a film(11). The insulation package(3) is positioned inside an intermediate space which encloses internal paneling and an external skin. It is completely enclosed by the film(11). The film(11) is implemented using a burn-through safe film material, which is an obstruction to a flaming fire, to which a film surface region of this film is subjected during an occurring fire catastrophe.

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 B64C1/40

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 B64C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 164 006 A (JOHNS MANVILLE INTERNATIONAL INC) 19 December 2001 (2001-12-19) paragraph '0001! paragraphs '0006! - '0009! paragraphs '0021! - '0042! figures 1-15	1-8
Y		9,10
X	US 5 759 659 A (SANOCKI ET AL) 2 June 1998 (1998-06-02) column 1, lines 25-35 column 3, lines 14-17 column 5, line 40 - column 6, line 21 column 10, lines 41-63 figures 1,2	1,2,7-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

3 May 2005

Date of mailing of the international search report

13/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Weber, C

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>EP 1 134 479 A (JOHNS MANVILLE INTERNATIONAL, INC) 19 September 2001 (2001-09-19) paragraph '0002! paragraph '0010! paragraphs '0014! - '0048! figures 1,2</p> <p>-----</p>	9,10

## Information on patent family members

PCT/EP2005/000045

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1164006	A	19-12-2001	US	6627561 B1		30-09-2003
			CA	2351031 A1		16-12-2001
			EP	1164006 A1		19-12-2001
			US	2004132364 A1		08-07-2004
US 5759659	A	02-06-1998	US	5624726 A		29-04-1997
			DE	69522962 D1		31-10-2001
			DE	69522962 T2		29-05-2002
			EP	0803040 A1		29-10-1997
			JP	10512349 T		24-11-1998
			WO	9621822 A1		18-07-1996
EP 1134479	A	19-09-2001	US	6551951 B1		22-04-2003
			CA	2340613 A1		13-09-2001
			EP	1134479 A2		19-09-2001